General Mining News.

Judge L. O. Cowan received word yesterday to the effect that the courts of the state of Sonora had decided the litigation that had been existing over his group of mines in the Altar district, in his favor. These mines are considered by mining men to be among the most promising in the state. The Judge at one time was offered 300,0008 for the group, but was unable to close the deal on account of the pending litigation.-Tueson Star.

The Interior department has segre gated the rich mineral strip from the San Carlos reservation. The strip lies along the southwe-tern boundary of the reservation. Rich mineral was found there several years ago, after which the move was commenced to have the strip segregated. Work will now be resumed on claims which had to be abandoned on account of being on the reservation, so says the Citizen.

The new camp, Superior, on Queen creek, is moving to the front in most encouraging fashion. The new b ard ing house is running in full blast, and two machine drills are constantly at work. The Superior company has built a -abstantial bridge across Queen creek in order to facilitate the transportation of supplies and wood to the main works, and there are now about thirty men employed. It is conflicitly expected that Superior will be a good, lively camp in the near future.-Florence Blade.

The Detroit Copper Co. commenced putting in a new plant this week. The furnaces are a new style of the copper matte variety, and are said to be the largest of the kind in the world. They were made by the Mine and Smelter Supply Co. Llewellyn Iron Works of knife of the assassin.-Exchange. Los Angeles have the contract of putting up the building. The D. C. concentrator will be changed in the near future from a 500 to an 800 ton plant, line.-Morenci News.

General Manager L. W. Felt, of the McCabe mine, left yesterday for Denver to purchase machinery for the above mine. The company proposes to sink the shaft 100 feet deeper at once. It is now down 700 and they propose going to the 800 foot level and open it up at that depth. The capacity of the mill will also be increased and other needed machinery installed. The cost of the proposed improvements which will be added immediately is self-glorification. A review of the pro-125,0008. Mr. Felt is a thorough min- duction from the mining interests of ing history and the possibilities of our ing man and is working the McCabe on thorough systematic business principles. When the mine is thoroughly exploited at the 800 foot level sinking will be continued another 100 feet and continued until 1000 feet is reached. Mr. Felt thoroughly believes in deep mining -Courier.

After having expended something like 25,0000 in the exploitation of the Mineral Belt group of mineral claims, which lie in the west part of Youna county, the Arizona Development Company has just sold the property for 150,0008. For almost two years development work has been carried on under the supervision of Dr. O. L. Geer, of Martinzes, and the claims, which are a few miles from the famous Congress property, are now regarded as a promising gold property. The purchase was made by the Harqua Hala Mining and Milling Company, organized for the purpose of taking over mines. It has a strong backing of Philadelphia capital, and the intention is to install machinery that will enable the company to handle a large tonnage. There are said to be over 200,000 tons of ore in sight, and about 50,000 tons already blocked out. The average of numerous samples gives a value of 258 a ton to the ore.-Yuma Sun.

A Cursed Gem.

The large diamond which Kruger took with him when he left South Africa has a very curious history. It of timber used underground-6,000,000 originally belonged to Meshhesh, a Basuto chief; from whom it was extorted by T'Chaka, the Zulu king, T'Chaka's brother killed him and stole it. The brother came to grief, and the gem passed into the possession of a at Anaconda and Great Falls. Zulu chief, who soon afterwards was

assassinated. The natives say that no priate for gentlemen who were in life market and absence of fuel curtail less than sixteen of the successive possessors of the diamond either were killed or driven out of the country. The diamond was then seen by white men, who set out to get it. A party of whites attacked the natives who had the stone and a flerce fight ensued, in the whole western country feels the prospector and would rather be guilty. which 300 lives, mostly natives, were loss of such active and honored men. of overwriting than of underwriting

Memela, a native chief, took the gem and concealed it in a wound which he lus which has been given thereby to Winnemucca, Nev. had received in battle. Afterwards Memela was captured by the Boers and set to work as a slave. Kruger, hearing his story, released him, and in gratitude Memela gave the stone to his liberator. Some years passed and then Kruger shared the fate which had overtaken all former possessors of the diamond who had not been killed-he was driven from power and forced to leave his native country. Where the fatal diamond is now is not certain, though it is known that the ex presi dent of the Transval has parted with it. Some say that it is in the coffers of the vatican, and some that it was sold to the Emperor of Austria, and is among the crown jewels at Vienna,

It is said to be 200 carets in weight, but is not perfect. Its history is one that would not recommend it as a tailsman to anyone of a superstitious turn of mind. It is almost as gruesome a possession as that hideous little Indian idol, the destruction of which Mme. Carnot ordered in her will. This idol was given to President Carnot by a friend, who laughingly told him a legend attached to it, which was to the effect that its possessor would obtain supreme power and then die by the knife. The idol has belonged to the Rajahs of Kahdjurao, of whom five certainly-perhaps more-died by the

Butte Business Men's Banquet.

At the annual banquet of the Butte Meu's Association, held at Butte, Monand improvements made all along the tana, last week, a number of good toasts were offered, among which that of Superintendent G. W. Goodale, of the Amalgamated company, was especially good, as it dealt with the mineral wealth of that great copper producing district.

> Mr. Goodale said in response to the toast on "The Mining Interest:"

> "Responding to the toast assigned me, I think the Butte Business Men's Association and guests will not object to giving a few minutes to our own Butte shows an output, not including the years prior to 1879, when the first smelter of importance was done in the district, or for a period of 24 years, ending with the year 1902, of

"Copper, 3,087,891,572 pounds. "Silver, 200,000,000 ounces.

"Gold, 300,000 ounces.

"Not less than 30,000,000 tons of ore were mined in producing this copper, and the copper came from an area of about 1,200 acres. If it were spread over this area, each square foot would have 59 pounds, and the thickness of the metal would be nearly an inch and a quarter.

"The veins of Butte are not all wedgeshaped, with the biggest end below,' and, confidentially, a few of the mines need something besides depth; furthermore, there are mines which since the decline in silver have been inactive, but with an output of nearly 10,500 tons of ore per day, the district is on a of a drill. They are found about the solid basis of prosperity, and we have only reached a very moderate depth with our explorations. The deepest shuft is only 2,200 feet, and the final limits of the productive area have not yet been determined.

"The importance of the mining enterprises of Butte to other parts of Montana, and to other states, is shown in the path of progress. in an estimate of the amount of coal which has been required for the extraction and reduction of the 30,000, goo tons of copper ore and the quantity tons of coal and 772,000,000 feet of timber.

"At the present time about 12,000 men are employed by the mining companies of Butte, including the works

"A word of enlogy would be appro-

dustry in the west, and by the stimu railroad building, sgricultural and grazing business has increased and the prosperity of our mountain states has advanced rapidly.

"For a long time our national government has maintained a department of agriculture, and efforts are being made to establish a department of commerce. Why should we not have a secretary of mining? The importance of this industry entitles it to more careful governmental supervision than it has now. The application of the present mini g law, with its extralat eral rights, certainly has had unfortunate applications in Butte, and has caused many interruptions in the industrial quiet of the district. If we had a department of mining it is probable that beneficent changes could be made in this, as well as in other laws affecting our prosperity."-Western Mining World,

Sketch of a Mossback.

Not many days ago the Silver State was taken to task by an individual who was propped against a telegraph nomically important quantities. After pole. The inertness of this person was Prof. Haworth's sweeping condemnaevidenced by the circumstance that tion of these alleged mines, the investhis back, which pointed toward Polaris, was covered with a coating of blame for their losses but themselves. vegetation which a botanist would im- Dr Lingren's report may be taken as mediately have classed under Bryaceae finally disposing of this matter.-Pa (Urn mosses), Audraeceae (split mosses) Jungermamiaceae (scale mosses), or Lycopodioceae (club mosses.)

At any rate this individual had stood still so long facing the south that he was like those ancient rotting forest trees by which the traveler determines the points of the compass, by the moss that grows on the north side.

Yes, docile reader, the individual who made the kick was a mossback. In some towns this species is labeled silurian. In other places they are velept fossils.

But on with the story.

This siluriau, mossbacked fossil awoke to a sufficient point of energy to charge ye editor with the horrible offense of writing up Humboldt's mincounty along that line of industry.

Men were hanged, guillotined, drawn and quartered for such beinous offenses in time past, according to our silurian friend, and the only pity is that laws carrying these penalties are obsolete.

The gentleman with moss upon his back claimed to be a prospector and miner. The Silver State will go bail that his prospecting expeditions are limited to one night in the year, Decemper 31st, when ghouls and claim jumpers do strut about, and that his mining has consisted solely in what, as mining camp parlance goes, is termed "chloriding."

Many and many are these boils, carbuncles, warts and excrescences upon the neck of every mining district.

They prospect in the pockets of the energetic, public spirited and successful claim finders. They use their strength in pounding the bar instead stove in the grocery store telling how "veins are sure to pinch out in the formation here." They may be seen leaning against lamp posts. They are athirst at all times. They carry their hammers with them for knocking purposes. They are the drones in the hive, oil on the rail, stumbling blocks

God rid us of the silurian, mossbacked fossils and Humboldt county will gloriously take care of herself. The editor of the Silver State freely and candidly admits that he has, does, and will continue to boom the mining industry of this county and state.

It is that only which will make of this a rich and populous place.

Nature has set an immovable bar upon advancement of agriculture be yond a certain limit. Distance from

captains of our industry, but have the manufacturing possibilities of 'crossed the range,' and are only with Humboldt, but there are no bounds us tonight in memory. Within two nor limits to the wealth that may and years and a half Marcus Daly, Thomas will come through discovery and de-Couch, W. E. Hall, Henry Williams velopment of latent leads of ore. The and J. K. Clark have passed away, and Silver State is with the miner and the "Mining has been the pioneer in the mines and prospects of this rich but undeveloped county.-Silver State,

Kansas Gold-Bearing Shales.

Dr. Waldemar Lingren has made an investigation into certain shales of Kansas to see if they carry gold in commercial quantities. It has been claimed from time to time that the values ran from 28 to 108 in gold per ton, while such competent men as Prof. Haworth of the Kansas University, denied that they had more than minute traces. Notwithstanding the condemnation of these local scientists. companies were formed and mills erected to treat this so-called ore. Of course no financial success could be made, hence Dr. Lindgren's services were called into requisition. After making a thorough sampling the samples were sent to the government as-ay office at various places, which check, one against the other. It was shown that the same samples did not give uniform results on repeated assays, as the silver or gold was unevenly distributed in them. None of the samples contained silver or gold in eco-

is believed will be increased to 400 gallons per minute. This establishes the fact that there will be an abundance of water to meet the demands of the extensive plants which have been built by the two great copper companies. There has been a good deal of speculation upon the question of water and some have expressed a degree of doubt as to whether there would be enough water to satisfy the demands of the works. The fact that this great volume of water is developed with so little trouble insures the people of Douglas the question of water is absolutely solved and that there will be an abundance at this point,

Escaped an Awful Fate.

Mr. H. Haggins of Melbourne, Pla., writes, "My doctor told me I had Con sumption and nothing could be done for me. I was given up to die. The offer of a free trial bottle of Dr. King's New Discovery for consumption, in duced me to try it. Results were startling. I am now on the road to recovery and owe all to to Dr. King's New Discovery. It surely saved my life." This great cure is guaranteed for all throat and lung diseases by H. H. Watkins, druggist. Price 50c & 1.008. Trial bottles free.

Fifty Years the Standard



PRICE BAKING POWDER CO.

Notice of Forfeiture.

To H. WINTERHALDER, his assigns and legal representatives: You are hereby notified that the undersigned who are co-owners with you in the Victor min-ing claim, have expended the sum of one hun-dred (190) dollars in labor and improvements on it for the year 1868 in compliance with the ing claim, have expensed the sum of one fundered (190) dollars in labor and improvements on it for the year 1888 in compilators with the United States mining laws requiring annual expenditures to be made on mining claims. The said victor mining claim is situated in the San Francisco mining district, Mohave county, Territory of Arizona, and is duly recorded in the office of the county recorder of Mohave county, Arizona, in book N. page 47, mining records; and you are further notified that If, at the expiration of mining days from the last publication of this notice, you fall or refuse to pay your proportion of said expenditure, together with the cost of publication of this notice, your interest in the said Victor mining claim will be forfeited and become the property of the undersigned in accordance with law.

A. A. SPEAR.

CHARLES GOODCHILD.

KINGMAN. Arizona. November 26, 1902.

First insertion Nov. 29, 1902.

Notice of Forfeiture.

To H. WINTERHALTER, his assigns and legal

representatives:
You are hereby notified that the undersigned,
who are co-owners with you in the Virgin mining claim, have expended the sum of one hunwho are co-owners with you in the Virgin mining claim, have expended the sum of one hundred (\$100) dollars in labor and improvements
on it for the year 1808 in compliance with the
United States mining laws requiring annual
expenditures to be unde on mining claims.
The said Virgin mining claims is situated in
the San Francisco mining district. Mohave
County, Territory of Arizona, and is duly recorded in the office of the county recorder of
Mohave county, Arizona, in book N. page 40,
mining records; and you are further notified
that if, at the expiration of ninety days from
the last publication of this notice, you fail or
refuse to pay your proportion of said expenditure, together with the cost of publication of
this notice, your interest in the said Virgin
mit ing claim will be forfeited and become the
property of the undersigned in accordance with
law.

A. A. SPEAR.

CHARLES GOODECHILD.

KINGMAN, Arizona, November 26, 1902.

Election Towney a 1909.

Election November 20, 1902.

KINGMAN, Arizona. November 26, 100 First Insertion November 29, 1902.

NOTICE OF FORFEITURE.

Prof. Haworth's sweeping condemnation of these alleged mines, the investors in these companies have no one to blame for their losses but themselves. Dr Lingren's report may be taken as finally disposing of this matter.—Pa cific Coast Miner.

Water was struck in the Copper Queen well Wednesday at a depth of 170 feet, says the Dispatch. The flow is now 250 gallons per minute which it some content of this motice, your interest in the cost of publication of this notice, your interest in the cost of publication of this notice, your interest in the coat of the county and is compliance with the United States mining laws requiring annual expenditure to be made on wining claims. The said Menilocena mining claim is situated in Wallapal mining district. Mohave county. Arizona Territory, and is duly recorded in the office of the County Recorder of Mohave county. Arizona Territory, in book O, page 288 Mining Records; and you are further noticed that the undersigned who is a secondary of the winders and in the control of the county Recorder of Mohave county. Arizona Territory, in book O, page 288 Mining Records; and you are further noticed that the undersigned who is a secondary from the last publication of this notice, your fall or refuse to contribute your proportion of said expenditure, together with the cost of publication of this notice, your interest in the control of the county interest in the control of the county interest in the control of the county proportion of said expenditure, together with the cost of publication of this notice, your interest in the control of the county proportion of said expenditure, together with the cost of publication of this notice, your interest in the control of the county. said expensiture, together with the cost of publication of this notice, your interest in the said Mend-seem mining chains will be forfeited and become the property of the undersigned in accordance with law. H. E. STRAWBELL, Kingman. Arizona. Jan. 20. 4803. First publication Jan. 31, 1903. Last publication May 2, 1903.

Mine Warning Notice

To Whom it May Concern:
Notice is hereby given that the Tub and Gem
mines, situated in the Wallapai miring district,
Mohave county, Arizona, are under bond to
parties working the same, and that neither the
said mines, nor the owner thereof, will be respensible for any labor or debts contracted,
or injuries sustained by any employer or em
ploye in the operation of said mining properties.
That all operators engage in such service at
their own risk, and that no debt is valid against
said mines or the owner thereof.

T. L. AYRES.

San transisco, Cal., July 22, 1901. To Whom It May Concern

San Francisco, Cal., July 22, 100

Mine Warning Notice.

To whom it may concern:
Notice is hereby given that 'he Mariposa (with machinery thereon), Oro Piata. Wedge and Goldsmith mines, situated in Todd Basin, Wallapai mining district, Mohave county, Arimona, are under bond to parties working the same, and that neither the said mines nor the owners thereof will be responsible for any labor or debts countracted, or injuries sustained by any employer or employe in the operation by any employer or amploye is the operation of said mining property: that all operatives engage to such service at their own risk and that no debt is valid against and mining caims.

J. W. GERRITT.

Kingman, Dec. 19, 1895. Mine Warning Notice.

To Whom it May Concern:

Notice is hereby given that the Nighthawk mine, situated in Wallapal mining district, Mphave county, Arisona, is under leave to parties working the same, and that neither the mine nor the owner thereof will be responsible for any labor or debt contracted, nor anjuries sustained by any employer or employees in working said property; and that no employer or enployee is the agent of the owner for any purpose, and that all operatives engage in such service at their own risk, and that no debt or claim of debt is valid against said mining claim or their owner.

or their owner.

NIGHTHAWK MINING CO.,
GEORGE M. BOWERS, Supt.

Kingman, Arizona, March 6, 1902.

Mine Warning Notice.

To Whom it May Concern:
Notice is hereby given that the Nevada No. 2. Tom and Gusher mines, situated in Wallapai mining district. Mohave county. Arizona, are under contract to parties working the same, and that reither the mine nor the owners thereof will be responsible for any labor or debt contracted, nor injuries sustained by any employer or employees in working said property; and that no employer or employe is the agent of the owner for any purpose, and that all operatives emusge in such service at their own risk, and that no debt or claim of debt is valid against said mining claims or its owners.

E. F. HOLLIDAY,
J. H. BOHON,
H. B. EALY,
Kingman, Arizona Jan. 28, 1968.

Kingman, Arizona Jan. 28, 1903. Last publication April 25.

Awarded
Highest Honors World's Fair
Highest tests U.S. Gov't Chemists

Notice is hereby given that neither the Tarramine, situated in Wallapai mining district, Mohave county, Arizona, nor the indersigned owner will be responsible for any debts contracted or labor performed by parties engaged in working said mine under lease and bond.

W. A. L. TARK.

Manuelito, New Mexico, June 24, 1902.